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Substitute	e for form 1449A/	/PTOSL	JPPLEMENTAL	Со	emplete if Known
				Application Number	09/975,418
INFO	KIVIA IIO	ום אי	SCLOSURE	Filing Date	10/11/2001
STA	TEMENT	BY A	APPLICANT	First Named Inventor	Karoline BECHTOLD-PETERS
	,			Art Unit	1615
	(use as many si	neets as	s necessary)	Examiner Name	
Sheet	1	of	2	Attorney Docket Number	1/1149

U.S. PATENT DOCUMENTS								
Examiner Initials		Document Number Number- Kind Code ² (<i>if known</i>	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear			
		us- 5,478,578	12/26/1995	Arnold, K. et al				
	j	∪s- 6,183,782	02/06/2001	Hallworth, G. W.				
		us- 6,221,338	04/24/2001	Staniforth, J. N.				
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	FOREIGN PATENT DOCUMENTS										
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English language Trainstant is attached.

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Substitute f	or form 1449B/PTO S	SUF	PPLEMENTAL	Complete if Known			
	_			Application Number	09/975,418		
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STAT	EMENT RY	/ Δ	PPLICANT	First Named Inventor	Karoline BECHTOLD-PETERS		
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Sheet	2	of	2	Attorney Docket Number	1/1149		

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS							
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²				
		WALZ, M. ET AL; "Process for Preparing Powder Formulations"; USSN 09/977,911; 10/11/2001; Atty. Docket No. 1/1237,1149					
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Complete if Known Substitute for form 1449A/PTO Application Number 09/975,418 INFORMATION DISCLOSURE 10/11/2001 Filing Date STATEMENT BY APPLICANT Karoline BECHTOLD-PETERS **First Named Inventor** 1615 Art Unit (use as many sheets as necessary) **Examiner Name** Attorney Docket Number 1/1149 Sheet of 1 1

	U.S. PATENT DOCUMENTS								
Examiner Initials		Document Number Number- Kind Code ² (if known	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear				
		us- 3,860,618 A	01/14/1975	Hartley, Et Al	1.154.557.15561				
	ļ	us- 3,634,582 A	01/11/1972	Hartley, Et Al					
		us- 3,957,965 A	05/18/1976	Hartley, Et Al					
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Examiner Initials	Cite No. ¹	Foreign Patent Document Country Code 3 - Number 4 - Kind Code 5 (# known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
		WO 00/47200 A1	08/17/2000	Novartis		
		WO 00/28979 A1	05/25/2000	Skyepharma AG	***************************************	ļ
		WO 93/11746 A1	06/24/1993	Bl Int'l GmbH		i
		WO 95/11666 A1		Coord. Drug Dev.		Ĺ
		WO 95/24889 A1	09/21/1995	Glaxo Group Ltd.		
		FR 8.142 M A	08/17/1970	Fisons Pharm.		
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Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ^{2 (F known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		^{US-} 4,042,700	08-16-1977	Rolf BANHOLZER, et al.	
		^{US-} 4,608,377	08-26-1986	Rolf BANHOLZER, et al.	
		^{US-} 4,783,534	11-08-1988	Rolf BANHOLZER	
		^{US-} 5,610,163	03-11-1997	Rolf BANHOLZER, et al.	
		^{US-} 5,654,314	08-05-1997	Rolf BANHOLZER, et al.	***************************************
		^{US-} 5,770,738	06-23-1998	Rolf BANHOLZER, et al.	
		^{US-} 5,952,505	09-14-1999	Rolf BANHOLZER	
		^{US-} 6,482,429	11-19-2002	Frank M. ETZLER	***************************************
		^{US-} 6,486,321	11-26-2002	Rolf BANHOLZER, et al.	
		^{US-} 6,506,900	01-14-2003	Rolf BANHOLZER, et al.	
		^{US-} 6,585,959	07-01-2003	Michael WALZ, et al.	
		^{US-} 2003/0043687	03-06-2003	Georg BOECK, et al.	
		^{US-} 2003/0068278	04-10-2003	Georg BOECK, et al.	
		^{US-} 2003/0235538	12-25-2003	Bernd ZIERENBERG	
		^{US-} 2004/0002510	01-01-2004	Helmut BENDER, et al.	***************************************
		^{US-} 5,498,422	03-12-1996	Kouichi NAKAMICHI, et al.	
		^{US-} 2004/0136919	07-15-2004	Mareke HARTIG, et al.	***************************************
		^{US-} 6,274,287	08-14-2001	Hiroshi MORIUMA, et al.	**************************************

	FOREIGN PATENT DOCUMENTS									
Examiner	Cite	Foreign Patent Document	Publication Date	Name of Patentee or	Pages, Columns, Lines,					
Initials*	No.'	Country Code ³ Number ⁴ Kind Code ⁵ (<i>if known</i>)	MM-DD-YYYY	Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear	T ⁶				
******		EP 0 172 258	02-20-1985	FANUC LTD.						
		EP 0 418 716	09-12-1990	Boehringer Ingelheim KG	***************************************					
		WO 03/084502	10-16-2003	Boehringer Ingelheim Pharma GmbH & Co. KG	\$\$\$\$\$\$################################					
		WO 03/084509	10-16-2003	Boshringer Ingelheim Pharma GmbH & Co. KG	***************************************					
		WO02/098874	12-12-2002	Boehringer Ingelheim Pharma KG	***************************************					

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				Application Number	09/975,418	
INFO	RMATION D	ISCLO:	SURE	Filing Date	10/11/2001	
STAT	EMENT BY	APPLIC	CANT	First Named Inventor	Karoline BECHTOLD-PETERS	
				Art Unit	1615	
	(Use as many sheets a	as necessary)		Examiner Name	Carlos A. AZPURU	
Sheet	3	of	3	Attorney Docket Number	1/1149	

NON PATENT LITERATURE DOCUMENTS							
Examiner Initials* Cite No.1 Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, and/or country where published.							
		N.H. SHAH, et al. "Elasticity of Soft Gelatin Capsules Containing Polyethylene Glycol 400 - Quantitation and Resolution" Pharmaceutical Technology, pg 126-133, March 1992					
***************************************	***************************************	MAREKE HARTIG, et al. "New Tiotropium Containing Powder Formulation for Inhalation" New US Patent Application, serial number 10/718,404, filed November 20, 2003					

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Examiner Signature	-	Date Considered					

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			Application Number	09/975,418		
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	STATEMENT BY AP	PLICANT	First Named Inventor	Karoline BECHTOLD-PETERS		
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Examiner	Cite	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where
Initials*	No.¹	Number-Kind Code ^{2 (f known)}	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear
		^{US-} 5,947,118	09-07-1999	Dieter HOCHRAINER,et al.	
		^{US-} 6,589,536	07-08-2003	Werner BROX, et al.	** **** ** ** * **** ** ** **** **** ****
		^{US-} 6,645,466	11-11-2003	Manfred KELLER, et al.	
		^{US-} 6,517,865	02-11-2003	Dominique CADE, et al.	
		^{US-} 2004/0002548	01-01-2004	Karl-Heinz BOZUNG,et al.	***************************************
		^{US-} 2003/0125350	07-03-2003	lan F. HASSAN, et al.	
		^{US-} 2004/0029907	02-12-2004	Rolf BANHOLZER, et al.	
		^{US-} 2003/0202944	10-30-2003	John Nicholas STANIFORTH	
		^{US-} 2003/0070679	04-17-2003	Dieter HOCHRAINER, et al.	
		^{US-} 6,228,394	05-08-2001	Stephen T. HORHOTA, et al.	**************************************
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	FOREIGN PATENT DOCUMENTS									
Examiner Cite No.1		Foreign Patent Document Country Code ³ Number ⁴ Kind Code ⁵ (# known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages					
		WO 02/30389	04-18-2002	Boehringer Ingelheim Pharma KG	or Relevant Figures Appear					
124444444		WO 96/02231	02-01-1996	ASTA MEDICA AKTIENGESELLSCHAFT						
*************************		WO 94/28958	12-22-1994	Boehringer Ingelheim Pharma KG	***************************************					
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				Application Number	09/975,418	
INFOR	KIVIA HON	DIS	CLOSURE	Filing Date 10/11/2001		
STATEMENT BY APPLICANT				First Named Inventor	Karoline BECHTOLD-PETERS	
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	(use as many sh	eets a	s necessary)	Examiner Name		
Sheet	1	of	1	Attorney Docket Number	1/1149	

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Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²				
		U. S. Patent Application; SN 09/961,822; filed 09/24/2001; Banholzer, et al; Atty. Docket No. 1/1148					
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